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(54) Low density foamed thermoplastic elastomers.

(57) A foamed thermoplastic elastomer having a substantially uniform closed cell structure and having a specific gravity of less than about 0.40, an energy return ratio greater than about 0.50 when compressed and released said foam being prepared from a thermoplastic multi-block copolymer elastomer having a Shore D hardness of 25-75.

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| DOCUMENTS CONSIDERED TO BE RELEVANT   |   | Relevant to claim                        | CLASSIFICATION OF THE APPLICATION (Int. Cl.5) |  |  |
|---|---|--|---|--|--|
| Category  | Citation of document with indication, where appropriate, of relevant passages   |  |   |  |  |
| X   | US-A-4 535 100 (KRUTCHEN et al.)<br>* Claims 1,3,4; column 2, lines 61-68 *<br>- - -  | 1,7                                      | C 08 J 9/14                                   |  |  |
| X   | EP-A-0 186 308 (ASAHI KASEI KOGYO)<br>* Claims 1,2 *<br>- - -   | 1,7                                      |   |  |  |
| X   | DATABASE WPIL, DERWENT, 10th January 1987, accession no. 87-046824 [07], Derwent Publications Ltd, London, GB;<br>& JP-A-62 004 729 (TEIJIN LTD)<br>* Whole abstract *- - - | 1,2,7                                    |   |  |  |
| A   | EP-A-0 149 191 (GENERAL ELECTRIC CO.)<br>* Claims 1,4,5-7 *<br>- - -  | 1  |   |  |  |
| A   | US-A-4 351 911 (FOX)<br>* Claim 1 *<br>- - - -  | 1  |   |  |  |
|   |   | TECHNICAL FIELDS<br>SEARCHED (Int. Cl.5) |   |  |  |
|   |   | C 08 J                                   |   |  |  |
| The present search report has been drawn up for all claims                      |   |  |   |  |  |
| Place of search   | Date of completion of search  | Examiner                                 |   |  |  |
| The Hague   | 30 June 91  | OUDOT R.                                 |   |  |  |
| CATEGORY OF CITED DOCUMENTS   |   |  |   |  |  |
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